

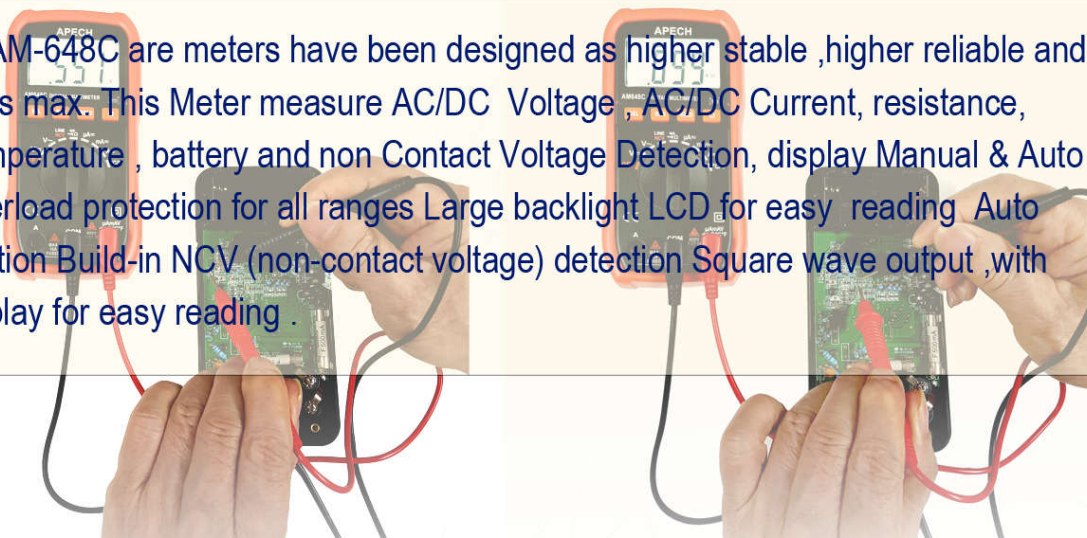
APECH

DIGITAL MULTIMETER

AM-636A /AM-648A / AM-648C

FEATURES

The AM-636A ,AM-648A,AM-648C are meters have been designed as higher stable ,higher reliable and anti-fall arrest, 2000 counts max. This Meter measure AC/DC Voltage , AC/DC Current, resistance, Diode Test, Contiuity, Temperature , battery and non Contact Voltage Detection, display Manual & Auto range , high accuracy, overload protection for all ranges Large backlight LCD for easy reading Auto Power off , Data hold function Build-in NCV (non-contact voltage) detection Square wave output ,with equipped 20mm LCD Display for easy reading .



SPECIFICATIONS

FUNCTION	RANGE	Resolution	ACCURACY		
			AM-636A	AM-648A	AM-648C
DC Voltage (Overload Protection 600V)	200mV	100μV	±0.5%rd+2dgt	±0.5%rd+2dgt	±0.5%rd+2dgt
	2V	1mV	±0.5%rd+3dgt	±0.5%rd+3dgt	±0.5%rd+3dgt
	20V	10mV	±0.8%rd+3dgt	±0.8%rd+3dgt	±0.8%rd+3dgt
	200V	100mV			
	500V	1V	±0.8%rd+5dgt	±0.8%rd+5dgt	±0.8%rd+5dgt
AC Voltage (Overload Protection 600V)	200mV	0.1mV	-	±1.0% rd + 10 dgt	
	2V	1mV	-		
	20V	10mV	-		
	200V	0.1V	±1.8%rd+10dgt		
	500V	1V			
DC Current	200μA	0.1μA	±1.0% rd + 5 dgt		
	2mA	1μA			
	20mA	10μA			
	200mA	100μA	±2.0% rd + 5 dgt		
	2A	1mA	±3.0% rd + 5 dgt		
	10A	10mA			
AC Current (AM-648A, AM-648C only)	200μA	0.1μA	-	±1.8% rd + 5 dgt	
	2mA	1μA	-		
	20mA	10μA	-		
	200mA	100μA	-	±2.5% rd + 5 dgt	
	2A	1mA	-	±3.0% rd + 5 dgt	
	10A	10mA	-		
Resistance	200Ω	0.1Ω	±1.0% rd + 2 dgt		
	2KΩ	0.001KΩ			
	20KΩ	0.01KΩ			
	200KΩ	0.1KΩ			
	2MΩ	0.001MΩ			
	20MΩ	0.01MΩ			
Temperature (°C) : Range : -20°C to 750 °C , Resolution : 1°C					±1.0%rd+2dgt
Temperature (°F) : Range : -4°F to 1832 °F , Resolution : 1°F					±1.0%rd+2dgt
Square Wave		50Hz	±10Hz / 5V ±2V	-	-
NCV			Yes	Yes	Yes
LINE			Yes	Yes	Yes
Diode Test			Yes	Yes	Yes
Continuity (<70Ω ± 30Ω)			Yes	Yes	Yes
Backlit			Yes	Yes	Yes
Data Hold			Yes	Yes	Yes
Auto Power Off			Yes	Yes	Yes
Manual Range			Yes	Yes	Yes
Auto Range			-	Yes	Yes
Power Supply			9V X 1	1.5V X 2	1.5V X 2

